

### ABSTRACT

A multiband antenna array for mobile radio equipment that includes a planar patch antenna having at least two resonances and is provided with a connection to ground and a high-frequency interface and at least two parasitic transmitters which are located marginal to the planar patch antenna and are embodied so as to be free of a high-frequency interface. A particularly compact multiband antenna for several frequency bands is crated as a result of the special arrangement of the planar patch antenna and the parasitic transmitters.